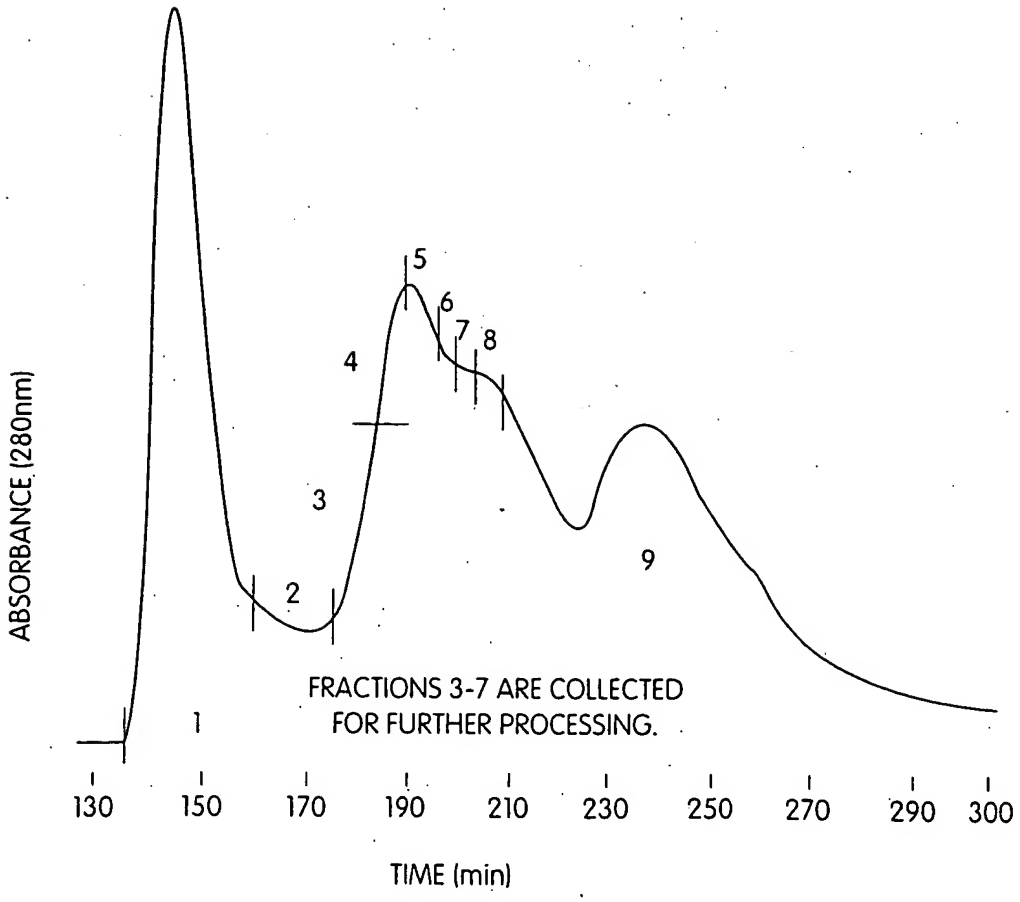

ABSORBANCE (280nm)
1
2
3
4
5
6
7
8
9
FRACTIONS 3-7 ARE COLLECTED
FOR FURTHER PROCESSING.
130
150
170
190
210
230
250
270
290
300
TIME (min)

Fig. 1

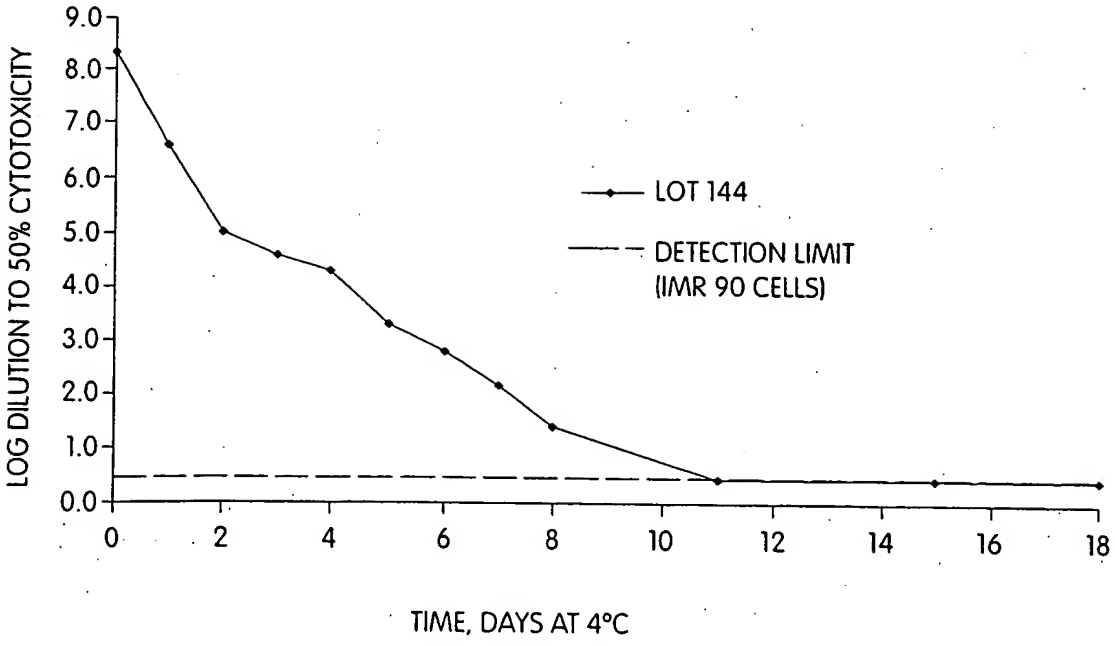
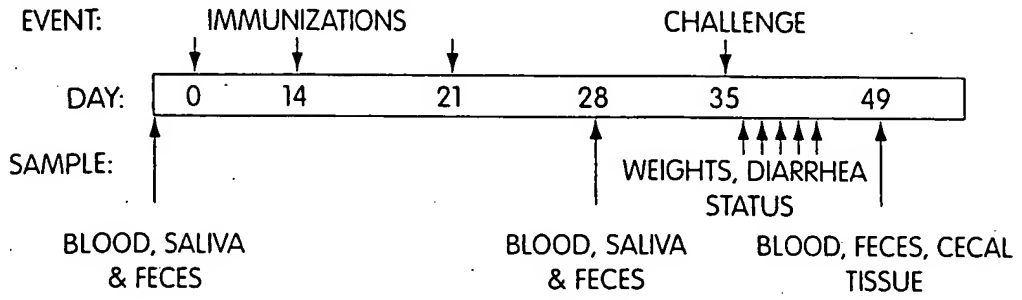

LOG DILUTION TO 50% CYTOTOXICITY
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
2
4
6
8
10
12
14
16
18
LOT 144
DETECTION LIMIT
(IMR 90 CELLS)
TIME, DAYS AT 4°C

Fig. 2

EXPERIMENTAL DESIGN:



INTRAMUSCULAR (IM) IMMUNIZATION OF HAMSTERS USING TOXOID VACCINE.

ANTIGEN	DOSE(μg)	ROUTE	ADJUVANT	NO. ANIMALS
TOXOID	100	IM	NONE	15
PLACEBO	NONE	IM	ALUM	10

Fig. 3

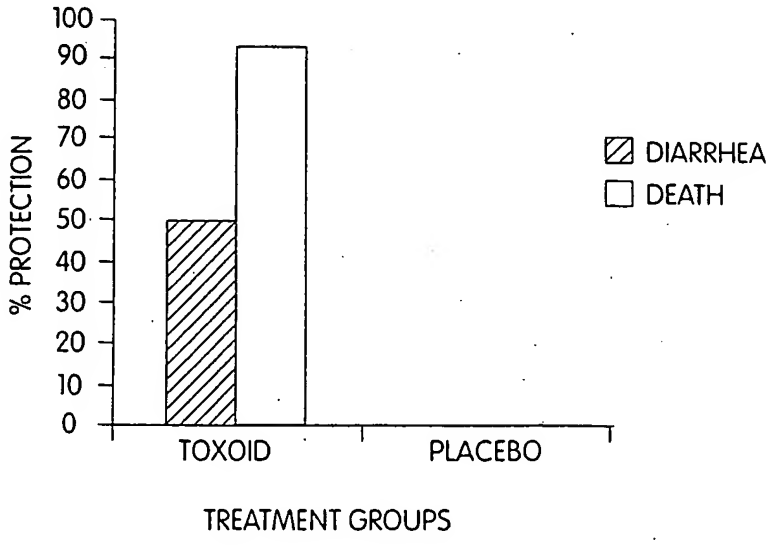
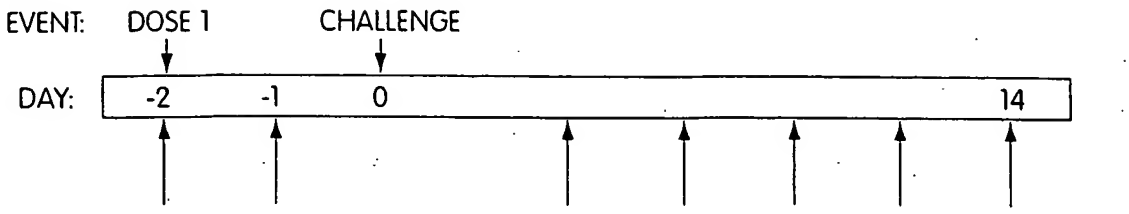


Fig. 4



PASSIVE PROTECTION OF HAMSTERS FROM CLINDAMYCIN CHALLENGE AFTER I.P. TREATMENT WITH *C. DIFFICILE* TOXIN NEUTRALIZING ANTIBODIES

PREPARATION	DOSE	ROUTE (DAYS)	NO. ANIMALS
POLYCLONAL IMMUNE MOUSE Ab	6 mls	i.p. (-2)	5
"	2 mls	i.p. (-2)	5
"	0.6 mls	i.p. (-2)	5
"	0.2 mls	i.p. (-2)	5
POLYCLONAL NON-IMMUNE MOUSE Ab	2 mls	i.p. (-2)	5

Fig. 5

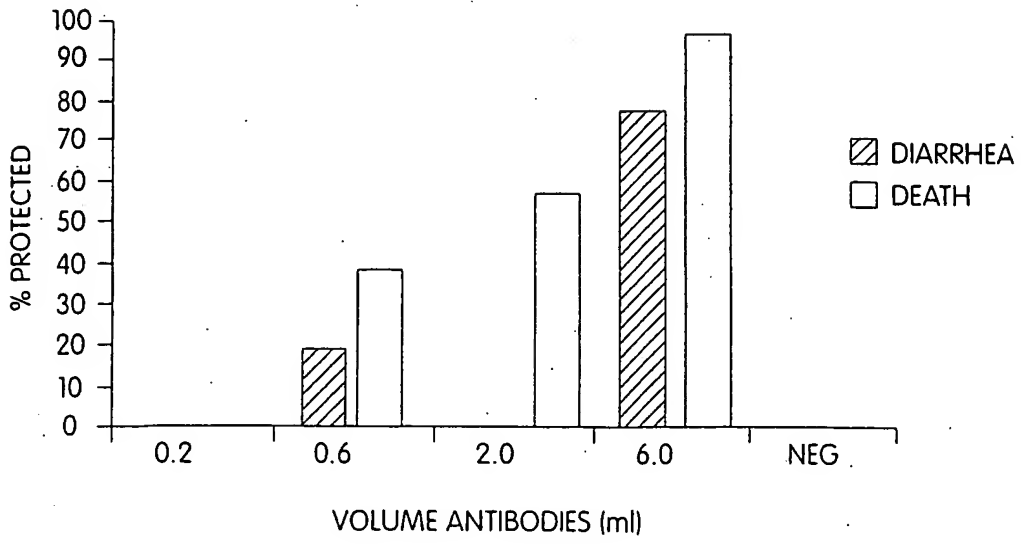
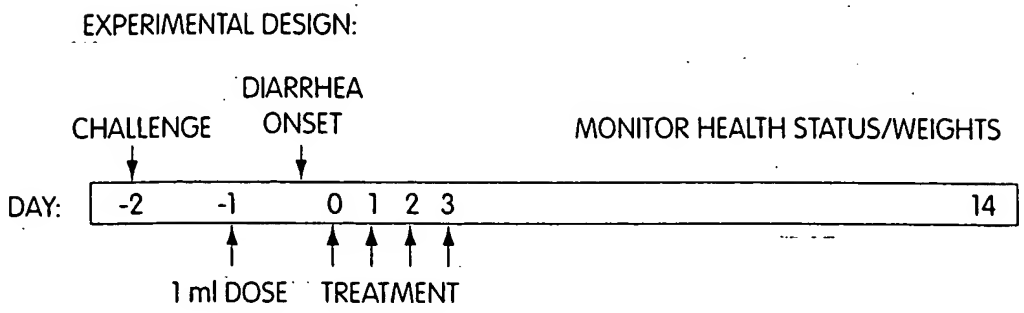


Fig. 6



ANTIBODY TREATMENT OF HAMSTERS FOLLOWING CLINDAMYCIN CHALLENGE (I.P. ADMINISTRATION OF *C. DIFFICILE* TOXIN NEUTRALIZING ANTISERA AFTER ONSET OF DIARRHEA).

PREPARATION	DOSE	ROUTE (DAYS)	NO. ANIMALS
POLYCLONAL IMMUNE MOUSE Ab	2 mls	i.p. (0,1,2,3)	5
POLYCLONAL NON-IMMUNE MOUSE Ab	2 mls	i.p. (0,1,2,3)	5
CHALLENGE ONLY			3

Fig. 7

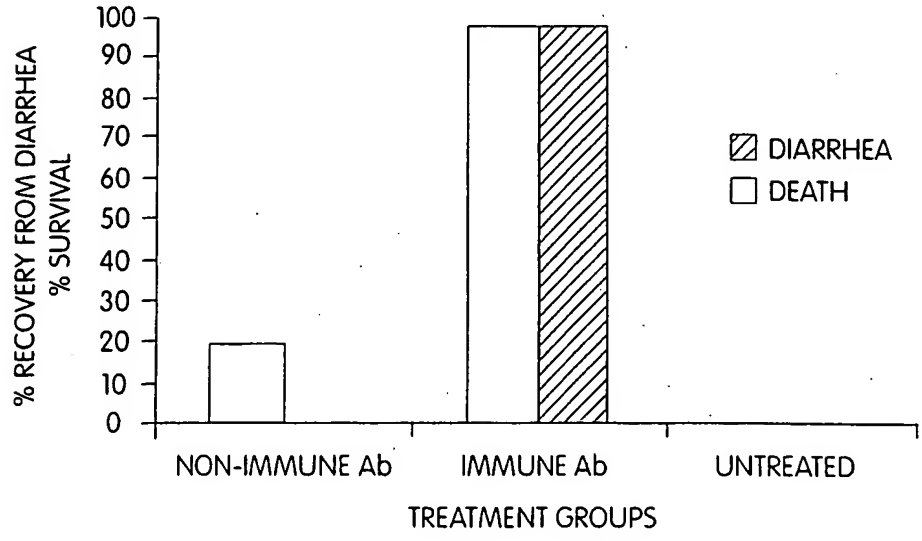
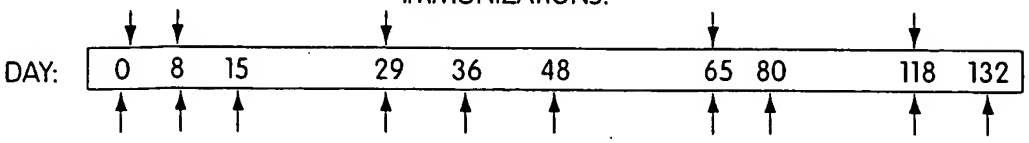


Fig. 8

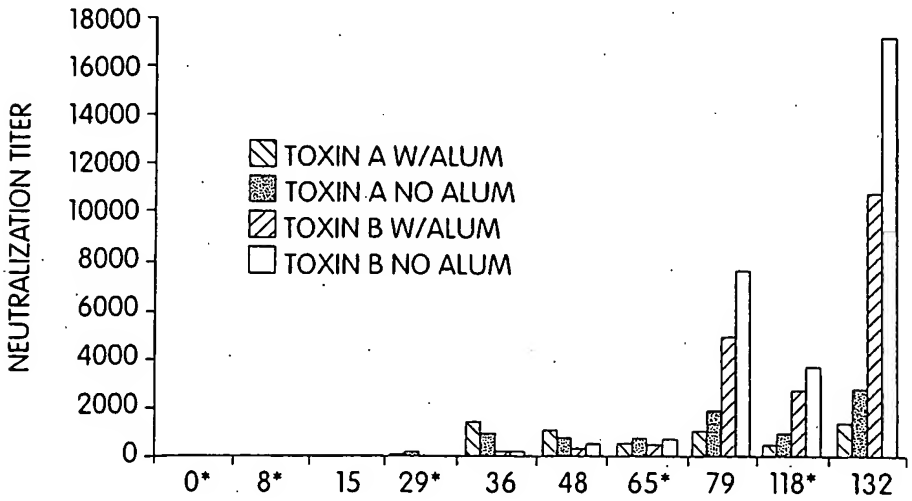
EXPERIMENTAL DESIGN:



BLOOD SAMPLE: NEUTRALIZATION, ELISA, HEMATOLOGY AND CLINICAL CHEMISTRY

ANTIGEN	DOSE(μg)	ROUTE	ADJUVANT	NO. ANIMALS
TOXOID	110	IM	ALUM	3
TOXOID	110	IM	NONE	3
PLACEBO	NONE	IM	NONE	3

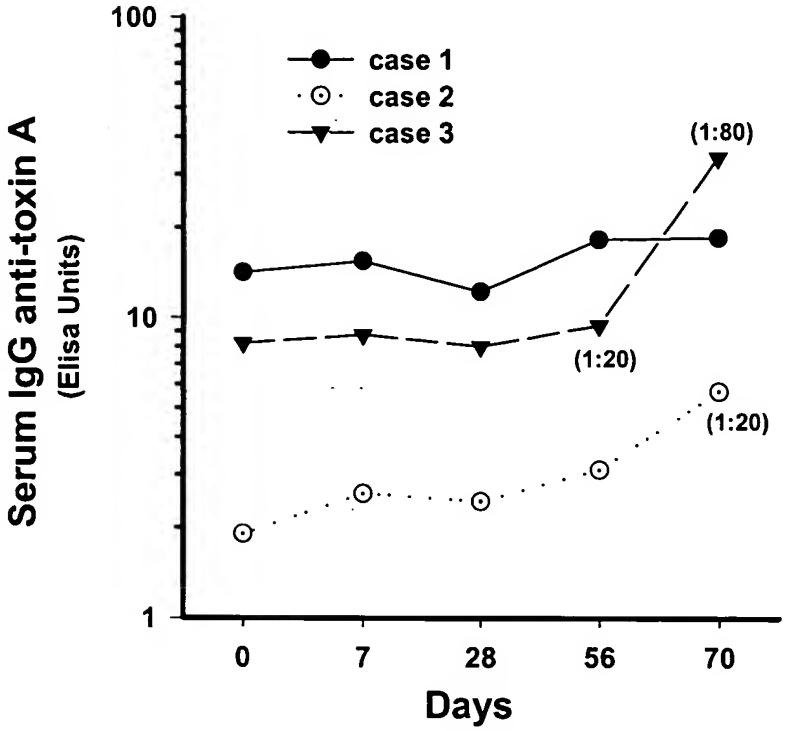
Fig. 9

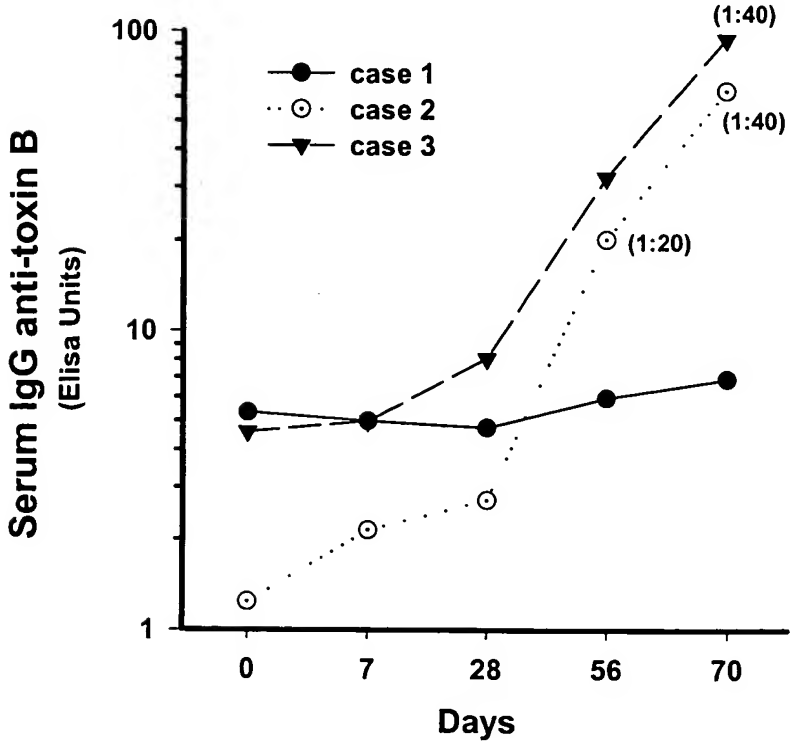


* NO RESPONSE WAS DETECTED IN PLACEBO TREATED ANIMALS.

Fig. 10

Fig. 11


100
10
1
case 1
case 2
case 3
(1:80)
(1:20)
(1:20)
Serum IgG anti-toxin A
(Elisa Units)
0
7
28
56
70
Days


100
10
1
case 1
case 2
case 3
(1:40)
(1:40)
(1:20)
Serum IgG anti-toxin B
(Elisa Units)
0
7
28
56
70
Days